



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 4034399 or 4035068 or 4067129 or 4084437  
or 4090219 or 4093346 or 4093921 or 4093922  
or 4100579 or 4103273 or 4126380 or 4127322  
or 4135502 or 4139257 or 4143943 or 4163570  
or 4184700 or 4185891 or 4190855 or 4195915  
or 4205428 or 4211918 or 4223050 or 4225913  
or 4249796 or 4250217 or 4250393 or 4256787  
or 4257016 or 4290672 or 4295145 or 4311999  
or 4327411 or 4327966 or 4331972 or 4336982  
or 4338660 or 4343535 or 4346965 or 4348079  
or 4355463 or 4361384 or 4369524 or 4374397  
or 4389096 or 4391490 or 4396246 or 4398798  
or 4400740 or 4408884 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
71	1	4034399	1977-07-05	Drukier et al.		357	68
72	2	4035068	1977-07-12	Rawson		353	122
73	3	4067129	1978-01-10	Abramson et al.		40	563
74	4	4084437	1978-04-18	Finnegan		73	361
75	5	4090219	1978-05-16	Ernststoff et al.		358	59
76	6	4093346	1978-06-06	Nishino et al.		350	162 SF
77	7	4093921	1978-06-06	Buss		325	459
78	8	4093922	1978-06-06	Buss		325	459
79	9	4100579	1978-07-11	Ernststoff		358	230
80	10	4103273	1978-07-25	Keller		338	2
81	11	4126380	1978-11-21	Borm		350	266

12	4127322	1978-11-28	Jacobson et al.
13	4135502	1979-01-23	Peck
14	4139257	1979-02-13	Matsumoto
15	4143943	1979-03-13	Rawson
16	4163570	1979-08-07	Greenaway
17	4184700	1980-01-22	Greenaway
18	4185891	1980-01-29	Kaestner
19	4190855	1980-02-26	Inoue
20	4195915	1980-04-01	Lichty et al.
21	4205428	1980-06-03	Ernstoff et al.
22	4211918	1980-07-08	Nyfelner et al.
23	4223050	1980-09-16	Nyfelner et al.
24	4225913	1980-09-30	Bray
25	4249796	1981-02-10	Sincerbox et al.
26	4250217	1981-02-10	Greenaway
27	4250393	1981-02-10	Greenaway
28	4256787	1981-03-17	Shaver et al.
29	4257016	1981-03-17	Kramer, Jr. et al.
30	4290672	1981-09-22	Whitefield
31	4295145	1981-10-13	Latta
32	4311999	1982-01-19	Upton et al.
33	4327411	1982-04-27	Turner
34	4327966	1982-05-04	Bloom
35	4331972	1982-05-25	Rajchman
36	4336982	1982-06-29	Rector, Jr.
37	4338660	1982-07-06	Kelley et al.
38	4343535	1982-08-10	Bleha, Jr.
39	4346965	1982-08-31	Sprague et al.
40	4348079	1982-09-07	Johnson
41	4355463	1982-10-26	Burns
42	4361384	1982-11-30	Bosserman
43	4369524	1983-01-18	Rawson et al.
44	4374397	1983-02-15	Mir
45	4389096	1983-06-21	Hori et al.
46	4391490	1983-07-05	Hartke
47	4396246	1983-08-02	Holman

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47	48	4398798	1983-08-16	Krawczak et al.	350	162.24
48	49	4400740	1983-08-23	Traino et al.	358	293
49	50	4408884	1983-10-11	Kleinknecht et al.	356	355

## Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 2 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

## Signature

Examiner Name	Date
considered all: <i>Galek Tuhar</i>	2-13-2004



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Stylesheet Version v18.0

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OFFICE OF PETITIONS

Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 4414583 or 4417386 or 4418397 or 4420717  
or 4422099 or 4426768 or 4430584 or 4435041  
or 4440839 or 4443819 or 4443845 or 4447881  
or 4454591 or 4456338 or 4460907 or 4462046  
or 4467342 or 4468725 or 4483596 or 4484188  
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or 4577933 or 4588957 or 4590548 or 4594501  
or 4596992 or 4615595 or 4623219 or 4636039  
or 4636866 or 4641193 or 4645881 or 4646158  
or 4649085 or 4649432 or 4652932 or  
4655539 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
37	1	4414583	1983-11-08	Hooker, III		358	300
37	2	4417386	1983-11-29	Exner		29	590
37	3	4418397	1983-11-29	Brantingham et al.		364	900
	4	4420717	1983-12-13	Wallace et al.		318	696
	5	4422099	1983-12-20	Wolfe		358	293
	6	4426768	1984-01-24	Black et al.		29	583
	7	4430584	1984-02-07	Someshwar et al.		307	465
	8	4435041	1984-03-06	Torok et al.		350	162.24
	9	4440839	1984-04-03	Mottier		430	2
37	10	4443819	1984-04-17	Funada et al.		358	236
37	11	4443845	1984-04-17	Hamilton et al.		364	200

12	4447881	1984-05-08	Brantingham et al.
13	4454591	1984-06-12	Lou
14	4456338	1984-06-26	Gelbart
15	4460907	1984-07-17	Nelson
16	4462046	1984-07-24	Spight
17	4467342	1984-08-21	Tower
18	4468725	1984-08-28	Venturini
19	4483596	1984-11-20	Marshall
20	4484188	1984-11-20	Ott
21	4487677	1984-12-11	Murphy
22	4492435	1985-01-08	Banton et al.
23	4503494	1985-03-05	Hamilton et al.
24	4511220	1985-04-16	Scully
25	4538883	1985-09-03	Sprague et al.
26	4545610	1985-10-08	Lakritz et al.
27	4556378	1985-12-03	Nyfelers et al.
28	4558171	1985-12-10	Gantley et al.
29	4561044	1985-12-24	Ogura et al.
30	4567585	1986-01-28	Gelbart
31	4571041	1986-02-18	Gaudyn
32	4577932	1986-03-25	Gelbart
33	4577933	1986-03-25	Yip et al.
34	4588957	1986-05-13	Balant et al.
35	4590548	1986-05-20	Maytum
36	4594501	1986-06-10	Culley et al.
37	4596992	1986-06-24	Hornbeck
38	4615595	1986-10-07	Hornbeck
39	4623219	1986-11-18	Trias
40	4636039	1987-01-13	Turner
41	4636866	1987-01-13	Hattori
42	4641193	1987-02-03	Glenn
43	4645881	1987-02-24	LeToumelin et al.
44	4646158	1987-02-24	Ohno et al.
45	4649085	1987-03-10	Landram
46	4649432	1987-03-10	Watanabe
47	4652932	1987-03-24	Miyajima et al.

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48	4655539	1987-04-07	Caulfield et al.	350	3.6
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## Remarks

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## Signature

Examiner Name	Date
Considered all <i>Zahn Zuber</i>	2-13-2004



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Title of Invention	BLAZED GRATING LIGHT VALVE						
<p>Application Number: 09/930838</p> <p>Confirmation Number: 1401</p> <p>First Named Applicant: David Amm</p> <p>Attorney Docket Number:</p> <p>Search string: ( 4660938 or 4661828 or 4662746 or 4663670 or 4687326 or 4698602 or 4700276 or 4707064 or 4709995 or 4711526 or 4714326 or 4717066 or 4719507 or 4721629 or 4722593 or 4724467 or 4728185 or 4743091 or 4744633 or 4747671 or 4751509 or 4761253 or 4763975 or 4765865 or 4772094 or 4797694 or 4797918 or 4801194 or 4803560 or 4804641 or 4807021 or 4807965 or 4809078 or 4811082 or 4811210 or 4814759 or 4817850 or 4824200 or 4827391 or 4829365 or 4836649 or 4856863 or 4856869 or 4859012 or 4859060 or 4866488 or 4882683 or 4893509 or 4896325 ).pn.</p>							
<b>US Patent Documents</b>							
<p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p>							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	4660938	1987-04-28	Kazan		350	355
<input checked="" type="checkbox"/>	2	4661828	1987-04-28	Miller, Jr. et al.		346	108
<input type="checkbox"/>	3	4662746	1987-05-05	Hornbeck		350	269
<input type="checkbox"/>	4	4663670	1987-05-05	Ito et al.		358	245
<input type="checkbox"/>	5	4687326	1987-08-18	Corby, Jr.		356	5
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<input type="checkbox"/>	7	4700276	1987-10-13	Freyman et al.		361	403
<input type="checkbox"/>	8	4707064	1987-11-17	Dobrowolski et al.		350	96.19
<input type="checkbox"/>	9	4709995	1987-12-01	Kuribayashi et al.		350	350
<input checked="" type="checkbox"/>	10	4711526	1987-12-08	Hennings et al.		350	170
<input checked="" type="checkbox"/>	11	4714326	1987-12-22	Usui et al.		350	485

12	4717066	1988-01-05	Goldenberg et al.
13	4719507	1988-01-12	Bos
14	4721629	1988-01-26	Sakai et al.
15	4722593	1988-02-02	Shimazaki
16	4724467	1988-02-09	Yip et al.
17	4728185	1988-03-01	Thomas
18	4743091	1988-05-10	Gelbart
19	4744633	1988-05-17	Sheiman
20	4747671	1988-05-31	Takahashi et al.
21	4751509	1988-06-14	Kubota et al.
22	4761253	1988-08-02	Antes
23	4763975	1988-08-16	Scifres et al.
24	4765865	1988-08-23	Gealer et al.
25	4772094	1988-09-20	Sheiman
26	4797694	1989-01-10	Agostinelli et al.
27	4797918	1989-01-10	Lee et al.
28	4801194	1989-01-31	Agostinelli et al.
29	4803560	1989-02-07	Matsunaga et al.
30	4804641	1989-02-14	Arlt et al.
31	4807021	1989-02-21	Okumura
32	4807965	1989-02-28	Garakani
33	4809078	1989-02-28	Yabe et al.
34	4811082	1989-03-07	Jacobs et al.
35	4811210	1989-03-07	McAulay
36	4814759	1989-03-21	Gombrich et al.
37	4817850	1989-04-04	Wiener-Avneer et al.
38	4824200	1989-04-25	Isono et al.
39	4827391	1989-05-02	Sills
40	4829365	1989-05-09	Eichenlaub
41	4836649	1989-06-06	Ledebuhr et al.
42	4856863	1989-08-15	Sampsell et al.
43	4856869	1989-08-15	Sakata et al.
44	4859012	1989-08-22	Cohn
45	4859060	1989-08-22	Katagiri et al.
46	4866488	1989-09-12	Frenslley
47	4882683	1989-11-21	Rupp et al.

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22	48	4893509	1990-01-16	MacIver et al.	73	517 AV
23	49	4896325	1990-01-23	Coldren	372	20

## Remarks

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## Signature

Examiner Name	Date
Considered all <i>Patentable</i>	2-13-2004

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Electronic Version v18  
 Stylesheet Version v18.0

Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838  
 Confirmation Number: 1401  
 First Named Applicant: David Amm  
 Attorney Docket Number:  
 Search string: ( 4896948 or 4897708 or 4902083 or 4915463  
 or 4915479 or 4924413 or 4926241 or 4930043  
 or 4934773 or 4940309 or 4943815 or 4945773  
 or 4949148 or 4950890 or 4952925 or 4954789  
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 or 5035473 or 5037173 or 5039628 or 5040052  
 or 5041395 or 5041851 or 5043917 or 5048077  
 or 5049901 or 5058992 or 5060058 or 5061049  
 or 5066614 or 5068205 or 5072239 or 5072418  
 or 5074947 or 5075940 ).pn.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	4896948	1990-01-30	Dono et al.		350	355
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<input type="checkbox"/>	7	4926241	1990-05-15	Carey		357	75
<input type="checkbox"/>	8	4930043	1990-05-29	Wiegand		361	283
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<input checked="" type="checkbox"/>	10	4940309	1990-07-10	Baum		350	171
<input checked="" type="checkbox"/>	11	4943815	1990-07-24	Aldrich et al.		346	108

12	4945773	1990-08-07	Sickafus
13	4949148	1990-08-14	Bartelink
14	4950890	1990-08-21	Gelbart
15	4952925	1990-08-28	Haastert
16	4954789	1990-09-04	Sampsell
17	4956619	1990-09-11	Hornbeck
18	4961633	1990-10-09	Ibrahim et al.
19	4970575	1990-11-13	Soga et al.
20	4978202	1990-12-18	Yang
21	4982184	1991-01-01	Kirkwood
22	4982265	1991-01-01	Watanabe et al.
23	4984824	1991-01-15	Antes et al.
24	4999308	1991-03-12	Nishiura et al.
25	5003300	1991-03-26	Wells
26	5009473	1991-04-23	Hunter et al.
27	5013141	1991-05-07	Sakata
28	5018256	1991-05-28	Hornbeck
29	5022750	1991-06-11	Flasck
30	5023905	1991-06-11	Wells et al.
31	5024494	1991-06-18	Williams et al.
32	5028939	1991-07-02	Hornbeck et al.
33	5035473	1991-07-30	Kuwayama et al.
34	5037173	1991-08-06	Sampsell et al.
35	5039628	1991-08-13	Carey
36	5040052	1991-08-13	McDavid
37	5041395	1991-08-20	Steffen
38	5041851	1991-08-20	Nelson
39	5043917	1991-08-27	Okamoto
40	5048077	1991-09-10	Wells et al.
41	5049901	1991-09-17	Gelbart
42	5058992	1991-10-22	Takahashi
43	5060058	1991-10-22	Goldenberg et al.
44	5061049	1991-10-29	Hornbeck
45	5066614	1991-11-19	Dunnaway et al.
46	5068205	1991-11-26	Baxter et al.
47	5072239	1991-12-10	Mitcham et al.

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346	160
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48	5072418	1991-12-10	Boutaud et al.	364	715.06
49	5074947	1991-12-24	Estes et al.	156	307.3
50	5075940	1991-12-31	Kuriyama et al.	29	25.03

## Remarks

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## Signature

Examiner Name	Date
considered all <i>John F. [Signature]</i>	2-13-2004



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Stylesheet Version v18.0

Title of Invention	BLAZED GRATING LIGHT VALVE																																																																																																						
<p>Application Number: 09/930838</p> <p>Confirmation Number: 1401</p> <p>First Named Applicant: David Amm</p> <p>Attorney Docket Number:</p> <p>Search string: ( 5079544 or 5081617 or 5083857 or 5085497 or 5089903 or 5093281 or 5096279 or 5099353 or 5101184 or 5101236 or 5103334 or 5105207 or 5105299 or 5105369 or 5107372 or 5112436 or 5113272 or 5113285 or 5115344 or 5119204 or 5121343 or 5126812 or 5126826 or 5126836 or 5128660 or 5129716 or 5132723 or 5132812 or 5136695 or 5137836 or 5142303 or 5142405 or 5142677 or 5144472 or 5147815 or 5148157 or 5148506 or 5149405 or 5150205 or 5151718 or 5151724 or 5151763 or 5153770 or 5155604 or 5155615 or 5155778 or 5155812 or 5157304 or 5159485 or 5161042 ).pn.</p> <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>5079544</td><td>1992-01-07</td><td>DeMond et al.</td><td></td><td>340</td><td>701</td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>5081617</td><td>1992-01-14</td><td>Gelbart</td><td></td><td>369</td><td>112</td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>5083857</td><td>1992-01-28</td><td>Hornbeck</td><td></td><td>359</td><td>291</td></tr><tr><td><input type="checkbox"/></td><td>4</td><td>5085497</td><td>1992-02-04</td><td>Um et al.</td><td></td><td>359</td><td>848</td></tr><tr><td><input type="checkbox"/></td><td>5</td><td>5089903</td><td>1992-02-18</td><td>Kuwayama et al.</td><td></td><td>359</td><td>15</td></tr><tr><td><input type="checkbox"/></td><td>6</td><td>5093281</td><td>1992-03-03</td><td>Eshima</td><td></td><td>437</td><td>217</td></tr><tr><td><input type="checkbox"/></td><td>7</td><td>5096279</td><td>1992-03-17</td><td>Hornbeck et al.</td><td></td><td>359</td><td>230</td></tr><tr><td><input type="checkbox"/></td><td>8</td><td>5099353</td><td>1992-03-24</td><td>Hornbeck</td><td></td><td>359</td><td>291</td></tr><tr><td><input type="checkbox"/></td><td>9</td><td>5101184</td><td>1992-03-31</td><td>Antes</td><td></td><td>235</td><td>454</td></tr><tr><td><input checked="" type="checkbox"/></td><td>10</td><td>5101236</td><td>1992-03-31</td><td>Nelson et al.</td><td></td><td>355</td><td>229</td></tr><tr><td><input checked="" type="checkbox"/></td><td>11</td><td>5103334</td><td>1992-04-07</td><td>Swanberg</td><td></td><td>359</td><td>197</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	5079544	1992-01-07	DeMond et al.		340	701	<input checked="" type="checkbox"/>	2	5081617	1992-01-14	Gelbart		369	112	<input checked="" type="checkbox"/>	3	5083857	1992-01-28	Hornbeck		359	291	<input type="checkbox"/>	4	5085497	1992-02-04	Um et al.		359	848	<input type="checkbox"/>	5	5089903	1992-02-18	Kuwayama et al.		359	15	<input type="checkbox"/>	6	5093281	1992-03-03	Eshima		437	217	<input type="checkbox"/>	7	5096279	1992-03-17	Hornbeck et al.		359	230	<input type="checkbox"/>	8	5099353	1992-03-24	Hornbeck		359	291	<input type="checkbox"/>	9	5101184	1992-03-31	Antes		235	454	<input checked="" type="checkbox"/>	10	5101236	1992-03-31	Nelson et al.		355	229	<input checked="" type="checkbox"/>	11	5103334	1992-04-07	Swanberg		359	197
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	18	5113285	1992-05-12	Franklin et al.
	19	5115344	1992-05-19	Jaskie
	20	5119204	1992-06-02	Hashimoto et al.
	21	5121343	1992-06-09	Faris
	22	5126812	1992-06-30	Greiff
	23	5126826	1992-06-30	Kauchi et al.
	24	5126836	1992-06-30	Um
	25	5128660	1992-07-07	DeMond et al.
	26	5129716	1992-07-14	Holakovszky et al.
	27	5132723	1992-07-21	Gelbart
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	29	5136695	1992-08-04	Goldshlag et al.
	30	5137836	1992-08-11	Lam
	31	5142303	1992-08-25	Nelson
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	33	5142677	1992-08-25	Ehlig et al.
	34	5144472	1992-09-01	Sang, Jr. et al.
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	38	5149405	1992-09-22	Bruns et al.
	39	5150205	1992-09-22	Um et al.
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	44	5155604	1992-10-13	Miekka et al.
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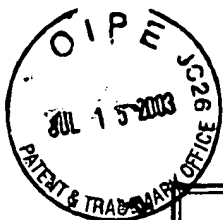
## Remarks

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Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 6 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

## Signature

Examiner Name	Date
Considered all <i>John F. [Signature]</i>	2-13-2004



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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 5162787 or 5164019 or 5165013 or 5168401  
or 5168406 or 5170156 or 5170269 or 5170283  
or 5172161 or 5172262 or 5177724 or 5178728  
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or 5231388 or 5231432 or 5233456 or 5233460  
or 5233874 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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21	12	5178728	1993-01-12	Boysel et al.
22	13	5179274	1993-01-12	Sampsell
23	14	5179367	1993-01-12	Shimizu
24	15	5181231	1993-01-19	Parikh et al.
25	16	5185660	1993-02-09	Um
26	17	5188280	1993-02-23	Nakao et al.
27	18	5189404	1993-02-23	Masimo et al.
28	19	5189505	1993-02-23	Bartelink
29	20	5191405	1993-03-02	Tomita et al.
30	21	5192864	1993-03-09	McEwen et al.
31	22	5192946	1993-03-09	Thompson et al.
32	23	5198895	1993-03-30	Vick
33	24	5202785	1993-04-13	Nelson
34	25	5206629	1993-04-27	DeMond et al.
35	26	5208818	1993-05-04	Gelbart et al.
36	27	5208891	1993-05-04	Prysner
37	28	5210637	1993-05-11	Puzey
38	29	5212115	1993-05-18	Cho et al.
39	30	5212555	1993-05-18	Stoltz
40	31	5212582	1993-05-18	Nelson
41	32	5214308	1993-05-25	Nishiquchi et al.
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46	37	5219794	1993-06-15	Satoh et al.
47	38	5220200	1993-06-15	Blanton
48	39	5221400	1993-06-22	Staller et al.
49	40	5221982	1993-06-22	Faris
50	41	5224088	1993-06-29	Atiya
51	42	5226099	1993-07-06	Mignardi et al.
52	43	5230005	1993-07-20	Rubino et al.
53	44	5231363	1993-07-27	Sano et al.
54	45	5231388	1993-07-27	Stoltz
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## Signature

Examiner Name	Date
considered all <i>John Zuker</i>	2-13-2004



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838  
Confirmation Number: 1401  
First Named Applicant: David Amm  
Attorney Docket Number:  
Search string: ( 5237340 or 5237435 or 5239448 or 5239806  
or 5240818 or 5245686 or 5247180 or 5247593  
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## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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78	1	5237340	1993-08-17	Nelson		346	108
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	9	5249245	1993-09-28	Lebby et al.		385	89
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12	5254980	1993-10-19	Hendrix et al.
13	5255100	1993-10-19	Urbanus
14	5256869	1993-10-26	Lin et al.
15	5258325	1993-11-02	Spitzer et al.
16	5260718	1993-11-09	Rommelmann et al.
17	5260798	1993-11-09	Um et al.
18	5262000	1993-11-16	Welbourn et al.
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22	5280277	1994-01-18	Hornbeck
23	5281887	1994-01-25	Engle
24	5281957	1994-01-25	Schoolman
25	5285105	1994-02-08	Cain
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27	5285407	1994-02-08	Gale et al.
28	5287096	1994-02-15	Thompson et al.
29	5287215	1994-02-15	Warde et al.
30	5289172	1994-02-22	Gale, Jr. et al.
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39	5300813	1994-04-05	Joshi et al.
40	5301062	1994-04-05	Takahashi et al.
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43	5307056	1994-04-26	Urbanus
44	5307185	1994-04-26	Jones et al.
45	5310624	1994-05-10	Ehrlich
46	5311349	1994-05-10	Anderson et al.
47	5312513	1994-05-17	Florence et al.

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### Signature

Examiner Name	Date
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Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 5313648 or 5313835 or 5315418 or 5315423  
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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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14	5330301	1994-07-19	Brancher
15	5330878	1994-07-19	Nelson
16	5331454	1994-07-19	Hornbeck
17	5334991	1994-08-02	Wells et al.
18	5339116	1994-08-16	Urbanus et al.
19	5339177	1994-08-16	Jenkins et al.
20	5340772	1994-08-23	Rosotker
21	5345521	1994-09-06	McDonald et al.
22	5347321	1994-09-13	Gove
23	5347433	1994-09-13	Sedlmayr
24	5347378	1994-09-13	Handschy et al.
25	5348619	1994-09-20	Bohannon et al.
26	5349687	1994-09-20	Ehlig et al.
27	5351052	1994-09-27	D'Hont et al.
28	5352926	1994-10-04	Andrews
29	5354416	1994-10-11	Okudaira
30	5357369	1994-10-18	Pilling et al.
31	5357803	1994-10-25	Lane
32	5359349	1994-10-25	Jambor et al.
33	5359451	1994-10-25	Gelbart et al.
34	5361131	1994-11-01	Tekemori et al.
35	5363220	1994-11-08	Kuwayama et al.
36	5365283	1994-11-15	Doherty et al.
37	5367585	1994-11-22	Ghezze et al.
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40	5382961	1995-01-17	Gale, Jr.
41	5387924	1995-02-07	Gale, Jr. et al.
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43	5391881	1995-02-21	Jeuch et al.
44	5392140	1995-02-21	Ezra et al.
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## Remarks

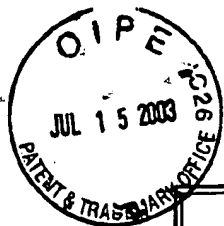
Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 9 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

## Signature

Examiner Name	Date
Considered all <i>[Signature]</i>	2-13-2004





## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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Title of Invention	BLAZED GRATING LIGHT VALVE																																																																																																						
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48	5463497	1995-10-31	Muraki et al.	359	618
49	5465175	1995-11-07	Woodgate et al.	359	463

## Remarks

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Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

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or 5481118 or 5481133 or 5482564 or 5482818  
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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	16	5486698	1996-01-23	Hanson et al.
	17	5486841	1996-01-23	Hara et al.
	18	5486946	1996-01-23	Jachimowicz et al.
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	23	5491612	1996-02-13	Nicewarner, Jr.
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	26	5493439	1996-02-20	Engle
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## Remarks

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## Signature

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Remarks



Not : Remarks are not for responding to an office action.

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Considered all <i>John J. Hayes</i>	2-13-2004



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Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 5742373 or 5744752 or 5745271 or 5757354  
or 5764280 or 5768009 or 5773473 or 5793519  
or 5798743 or 5798805 or 5801074 or 5802222  
or 5808323 or 5815126 or 5825443 or 5835255  
or 5835256 or 5837562 or 5844711 or 5862164  
or 5868854 or 5886675 or 5892505 or 5895233  
or 5898515 or 5903243 or 5903395 or 5910856  
or 5912094 or 5912608 or 5914801 or 5915168  
or 5920411 or 5920418 or 5923475 or 5926318  
or 5942791 or 5949390 or 5953161 or 5955771  
or 5978127 or 5986634 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
76	1	5742373	1998-04-21	Alvelda		349	204
76	2	5744752	1998-04-28	McHerron et al.		174	52.4
76	3	5745271	1998-04-28	Ford et al.		359	130
	4	5757354	1998-05-26	Kawamura		345	126
	5	5764280	1998-06-09	Bloom et al.		348	53
	6	5768009	1998-06-16	Little		359	293
	7	5773473	1998-06-23	Hall et al.		438	26
	8	5793519	1998-08-11	Furlani et al.		359	291
	9	5798743	1998-08-25	Bloom		345	90
	10	5798805	1998-08-25	Ooi et al.		349	10
V	11	5801074	1998-09-01	Kim et al.		438	125
76	12	5802222	1998-09-01	Rasch et al.		385	1

<del>27</del>	13	5808323	1998-09-15	Spaeth et al.	257	88
	14	5815126	1998-09-29	Fan et al.	345	8
	15	5825443	1998-10-20	Kawasaki et al.	349	95
	16	5835255	1998-11-10	Miles	359	291
	17	5835256	1998-11-10	Huibers	359	291
	18	5837562	1998-11-14	Cho	438	51
	19	5844711	1998-12-01	Long, Jr.	359	291
	20	5862164	1999-01-19	Hill	372	27
	21	5868854	1999-02-09	Kojima et al.	134	1.3
	22	5886675	1999-03-23	Aye et al.	345	7
	23	5892505	1999-04-06	Tropper	345	208
	24	5895233	1999-04-20	Higashi et al.	438	107
	25	5898515	1999-04-27	Furlani et al.	359	290
	26	5903243	1999-05-11	Jones	345	7
	27	5903395	1999-05-11	Rallison et al.	359	630
	28	5910856	1999-06-08	Ghosh et al.	359	291
	29	5912094	1999-06-15	Aksyuk et al.	430	5
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	35	5923475	1999-07-13	Kurtz et al.	359	619
	36	5926318	1999-07-20	Hebert	359	618
	37	5942791	1999-08-24	Shorrocks et al.	257	522
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	39	5953161	1999-09-14	Troxell et al.	359	618
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## Remarks

Not : R marks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 13 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

Signature

Examiner Name	Date
Considered all <i>John J. [Signature]</i>	2-13-2004



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Title of Invention	BLAZED GRATING LIGHT VALVE																																																																																																																														
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22	6124145	2000-09-26	Stemme et al.		438	26
23	6130770	2000-10-10	Bloom		359	224
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25	6147789	2000-11-14	Gelbart		359	231
26	6154259	2000-11-28	Hargis et al.		348	756
27	6163026	2000-12-19	Bawolek et al.		250	351
28	6163402	2000-12-19	Chou et al.		359	443
29	6172797	2001-01-09	Huibers	B1	359	291
30	6177980	2001-01-23	Johnson	B1	355	67
31	6197610	2001-03-06	Toda	B1	438	50
32	6210988	2001-04-03	Howe et al.	B1	438	50
33	6222954	2001-04-24	Riza	B1	385	18
34	6229683	2001-05-08	Goodwin-Johanson	B1	361	233
35	6241143	2001-06-05	Kuroda	B1	228	110.1

## Remarks

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Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 14 out of a total of 16 electronic filings. Fee has been paid in previous electronic filing.

## Signature

Examiner Name	Date
Considered all <i>Patricia</i>	2-13-2004



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of  
Invention

BLAZED GRATING LIGHT VALVE

Application Number: 09/930838

Confirmation Number: 1401

First Named Applicant: David Amm

Attorney Docket Number:

Search string: ( 6251842 or 6254792 or 6261494 or 6271145  
or 6271808 or 6274469 or 6290859 or 6290864  
or 6300148 or 6303986 or 6310018 or 6323984  
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or 6327071 or 6466354 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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16	6384959	2002-05-07	Furlani et al.	B1	359	291
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18	6392309	2002-05-21	Wataya et al.	B1	257	796
19	6421179	2002-07-16	Gutin et al.	B1	359	572
20	6452260	2003-09-17	Corbin et al.	B1	257	686
21	6480634	2002-11-12	Corrigan	B1	385	4
22	6497490	2002-12-24	Miller et al.	B1	359	614
23	6525863	2003-02-25	Riza	B1	359	290
24	6563974	2003-05-13	A. Riza	B2	385	18
25	6327071	2001-12-04	Kimura	B1	359	291
26	6466354	2002-10-15	Gudeman	B1	359	247

## Remarks

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Title of Invention	BLAZED GRATING LIGHT VALVE																																																
<p>Application Number: 09/930838</p> <p>Confirmation Number: 1401</p> <p>First Named Applicant: David Amm</p> <p>Attorney Docket Number:</p> <p>Search string: ( 5963788 or 6356689 or 5319668 or 6565222 or 4963012 or 20020112746 or 20020131230 or 20010019454 ),pn.</p>																																																	
<p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>Init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>5963788</td><td>1999-10-05</td><td>Barron et al.</td><td></td><td>438</td><td>48</td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>6356689</td><td>2002-03-12</td><td>Greywall</td><td>B1</td><td>385</td><td>52</td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>5319668</td><td>1994-06-07</td><td>Luecke</td><td></td><td>372</td><td>107</td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>6565222</td><td>2003-05-20</td><td>Ishii et al.</td><td>B1</td><td>359</td><td>883</td></tr><tr><td><input checked="" type="checkbox"/></td><td>5</td><td>4963012</td><td>1990-10-16</td><td>Tracy et al.</td><td></td><td>350</td><td>641</td></tr></tbody></table>		Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	5963788	1999-10-05	Barron et al.		438	48	<input checked="" type="checkbox"/>	2	6356689	2002-03-12	Greywall	B1	385	52	<input checked="" type="checkbox"/>	3	5319668	1994-06-07	Luecke		372	107	<input checked="" type="checkbox"/>	4	6565222	2003-05-20	Ishii et al.	B1	359	883	<input checked="" type="checkbox"/>	5	4963012	1990-10-16	Tracy et al.		350	641
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Examiner Name	Date
<i>John F. [Signature]</i>	2-13-2004

FORM PTO 1449 (Modified) JUN 16 2003 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SLM-06400		Serial No.: 09/930,838	
				Applicants: David T. Amn et al.			
				Filing Date: August 15, 2001		Group Art Unit: 2872	
U.S. PATENT DOCUMENTS							
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Serial No.: 09/930838

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Applicants: David T. Amm et al

(37 CFR § 1.98(b))

Filing Date: August 15, 2001

Group Art Unit: 2872

## U.S. PATENT DOCUMENTS

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<i>JS</i>	AA Des. 334,557	04/06/93	Hunter et al.	D14	114	10/23/90
<i>JS</i>	AB Des. 334,742	04/13/93	Hunter et al.	D14	113	10/03/90
<i>JS</i>	AC Des. 337,320	07/13/93	Hunter et al.	D14	113	10/03/90
<i>JS</i>	AD Re. 16,767	10/11/27	Jenkins			10/31/22
<i>JS</i>	AE Re. 25,169	05/15/62	Glenn			06/01/54
	AF					
	AG					
	AH					
	AI					

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
<i>JS</i>	AJ	DE 32 33 195 A1	03/17/83	DE	H 01 L	23/52		X
<i>JS</i>	AK	DE 43 23 799 A1	01/20/94	DE	H 01 L	23/50		X
	AL	DE 197 23 618 A1	12/11/97	DE	G 03 F	1/14		X
	AM	DE 197 51 716 A1	05/28/98	DE	G 02 B	27/14		X
	AN	DE 198 46 532 C1	5-31-00	DE	G 02 B	27/09		X
	AO	0 089 044 A2	09/21/83	EP	H 01 L	23/10		X
	AP	0 261 901 A2	03/30/88	EP	G09G	3/36		X
	AQ	0 304 263 A2	02/22/89	EP	H 01 L	25/065		X
	AR	0 306 308 A2	03/08/89	EP	H 04 N	3/14		X
	AS	0 314 437 A1	10/25/88	EP	H 01 L	25/08		X
	AT	0 322 714 A2	07/05/89	EP	G 02 B	5/30		X
	AU	0 417 039 A1	03/13/91	EP	G 03B	21/20	X	
	AV	0 423 513 A2	04/24/91	EP	H01S	3/085		X
	AW	0 436 738 A1	07/17/91	EP	H04N	5/74		X
	AX	0 458 316 A2	11/27/91	EP	G06K	11/06		X
	AY	0 477 566 A2	04/01/92	EP	G02B	26/08		X
	AZ	0 488 326 A3	06/03/92	EP	G09G	3/28		X
<i>JS</i>	BA	0 499 566 A2	08/19/92	EP	G06F	3/033		X
<i>JS</i>	BB	0 528 646 A1	02/24/93	EP	G09G	3/02		X

Examiner:

Date Considered: 2-13-2004

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Modified)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: SLM-06400

Serial No.: 09/930838

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicants: David T. Amm et al

(37 CFR § 1.212(b))

Filing Date: August 15, 2001

Group Art Unit: 2872

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
38	BC	0 530 760 A2	03/10/93	EP	G09G	3/34		X
38	BD	0 550 189 A1	07/07/93	EP	G02F	1/315		X
	BE	0 610 665 A1	08/17/94	EP	G09G	3/34		X
	BF	0 627 644 A2	12/07/94	EP	G02B	27/00		X
	BG	0 627 644 A3	09/11/90	EP	G02B	27/00		X
	BH	0 627 850 A1	12/07/94	EP	H04N	5/64		X
	BI	0 643 314 A2	03/15/95	EP	G02B	27/00		X
	BJ	0 654 777 A1	05/24/95	EP	G09G	3/34		X
	BK	0 658 868 A1	06/21/95	EP	G 09G	3/34		X
	BL	0 658 830 A1	12/06/95	EP	G09G	3/34		X
	BM	0 689 078 A1	12/27/95	EP	G02B	26/08		X
	BN	0 801 319 A1	10/15/97	EP	G02B	26/00		X
	BO	0 851 492 A2	07/01/98	EP	H01L	23/538		X
	BP	1 003 071 A2	05/24/00	EP	G03B	27/72		X
	BQ	1 014 143 A1	06/28/00	EP	G02B	26/08		X
	BR	1 040 927 A2	10/04/00	EP	B41J	2/455		X
	BS	GB 2 117 564 A	10/12/83	GB	H 01 L	25/08		X
	BT	GB 2 118 365 A	10/26/83	GB	H 01 L	27/13		X
	BU	GB 2 266 385 A	10/27/93	GB	G02B	23/10		X
	BV	GB 2 296 152 A	06/19/96	GB	H04N	13/04		X
	BW	GB 2 319 424 A	05/20/98	GB	H04N	13/04		X
	BX	JP 1-155637	06/19/89	JP	H01L	21/66		X
	BY	JP 4-333015	11/20/92	JP	G02B	27/18		X
	BZ	JP 2219092	08/31/90	JP	G09G	3/28		X
	CA	JP 3288369	03/15/02	JP	G 02 B	26/06		X
	CB	JP 53-39068	04/10/78	JP	H 01 L	23/12		X
	CC	JP 55-111151	08/27/80	JP	H 01 L	27/00		X
	CD	JP 57-210638	12/24/82	JP	H 01 L	21/60		X
	CE	JP 57-31166	02/19/82	JP	H 01 L	23/48		X
	CF	JP 60-49638	03/18/85	JP	H 01 L	21/60		X
	CG	JP 60-94756	05/27/85	JP	H 01 L	25/04		X
	CH	JP 60-250639	12/11/85	JP	H 01 L	21/58		X
	CI	JP 61-142750	06/30/86	JP	H 01 L	21/60		X
	CJ	JP 61-145838	07/03/86	JP	H 01 L	21/60		X
	CK	JP 63-234767	09/30/88	JP	H 04 N	1/04		X

Examiner:

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets if Necessary) (37 CFR § 1.98(b))				Applicants: David T. Amm et al				
				Filing Date: August 15, 2001		Group Art Unit: 2872		
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
78	CL	JP 63-305323	12/13/88	JP	G 02F	1/13		X
	CM	JP 40-1155637	06/19/89	JP	H 01 L	21/92		X
	CN	JP 7-281161	10/27/95	JP	G02F	1/1333		X
	CO	WO 90/13913	11/15/90	WO	H 01 L	23/10		X
	CP	WO 92/12506	07/23/92	WO	G09F	9/37		X
	CQ	WO 93/02269	02/04/93	WO	E 06B	5/10		X
	CR	WO 93/09472	05/13/93	WO	G 03F	7/20	X	
	CS	WO 93/18428	09/16/93	WO	G02B	2700		X
	CT	WO 93/22694	11/11/93	WO	G02B	5/18		X
	CU	WO 94/09473	04/28/94	WO	G09G	3/34		X
	CV	WO 94/29761	12/22/94	WO	G02B	27/24		X
	CW	WO 95/11473	04/27/95	WO	G02B	27/00	X	
	CX	WO 96/02941	02/01/96	WO	H 01 L	23/02		X
	CZ	WO 96/41217	12/19/96	WO	G02B	5/18		X
	DA	WO 96/41224	12/19/96	WO	G02B	19/00		X
	DB	WO 97/22033	06/19/97	WO	G02B	27/22		X
	DC	WO 97/26569	07/24/97	WO	G02B	5/18		X
	DD	WO 98/05935	02/12/98	WO	G01L	9/06		X
	DE	WO 98/24240	06/04/98	WO	H04N	9/31		X
	DF	WO 98/41893	09/24/98	WO	G02B	26/08		X
DG	WO 99/07146	02/11/99	WO	H04N	7/16		X	
DH	WO 99/12208	03/11/99	WO	H 01 L	25/065		X	
DI	WO 99/23520	05/14/99	WO	G 02 B	26/08		X	
DJ	WO 99/34484	07/08/99	WO	H01S			X	
DK	WO 99/59335	11/18/99	WO	H04N	5/765		X	
DL	WO 99/63388	12/09/99	WO	G02B	27/22		X	
DN	WO 00/04718	01/27/00	WO	H04N	7/167		X	
DO	WO 00/07225	02/10/00	WO	H01L	21/00		X	
V	DQ	WO 01/006297 A3	01/25/01	WO	G02B	27/10		X
88	DR	WO 01/57581 A3	08/09/01	WO	G02B	27/48		X
Examiner: <i>Patricia J.</i>				Date Considered: 2-13-2004				
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		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation		
							Yes	No	
33	DS	WO 02/025348 A3	03/28/02	WO	G02B	26/02		X	
	DT	WO 02/31575 A2	04/18/02	WO	G02B	27/00		X	
	DU	WO 02/058111 A2	07/25/02	WO	H01L			X	
	DV	WO 02/065184 A3	08/22/02	WO	G02B	27/12		X	
	DW	WO 02/073286 A2	09/19/02	WO	G02B	26/08		X	
	DX	WO 02/084375 A1	10/24/02	WO	G02B	26/08		X	
	DY	WO 02/084397 A3	10/24/02	WO	G02B	27/18		X	
	DZ	WO 03/001281 A1	01/03/03	WO	G02F	1/01		X	
	EA	WO 03/001716 A1	01/03/03	WO	H04J	14/02		X	
	EB	WO 03/012523 A1	02/13/03	WO	G02B	26/00		X	
V	EC	WO 03/016965 A1	02/27/03	WO	G02B	5/18		X	
	ED	WO 03/023849 A1	03/20/03	WO	H01L	23/02		X	
	EE	WO 03/025628 A2	03/27/03	WO	G02B			X	
	<b>OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>								
33	EH	J. Neff, "Two-Dimensional Spatial Light Modulators: A Tutorial", Proceedings of the IEEE, vol. 78, No. 5 (May 1990), pp. 826-855.							
	EI	R. Gerhard-Multhaupt, "Viscoelastic Spatial Light Modulators and Schlieren-Optical Systems for HDTV Projection Displays" SPIE vol. 1255 Large Screen Projection Displays II (1990), pp. 69-78.							
	EJ	R. Gerhard-Multhaupt, "Light-Valve Technologies for High-Definition Television Projection Displays", Displays vol. 12, No. 3/4 (1991), pp. 115-128.							
	EK	O. Solgaard, F. Sandejas, and D. Bloom, "Deformable Grating Optical Modulator," Optics Letters, Vol. 17, No. 9, May 1, 1992, New York, USA, pp. 688-690.							
	EL	F. Sandejas, R. Apte, W. Banyai, and D. Bloom, "Surface Microfabrication of Deformable Grating Valve for High Resolution Displays," The 7th International Conference on Solid-State Sensors and Actuators. <span style="float: right;">no date</span>							
	EM	P. Alvelda, "High-Efficiency Color Microdisplays," SID 95 Digest, pages 307-311, 1995.							
	EN	Worboys et al., "Miniature Display Technology for Integrated Helmet Systems," GEC Journal of Research, Vol. 10, No. 2, pages 111-118, Chelmsford, Essex, GB 1993.							
	EO	M. Farn et al., "Color Separation by use of Binary Optics," Optics Letters, Vol. 18:15 pages 1214-1216, 1993.							
	EP	P. Alvelda, "VLSI Microdisplays and Optoelectric Technology," MIT, pages 1-93, 1995.							
	EQ	P. Alvelda, "VLSI Microdisplay Technology," October 14, 1994.							
Examiner: <i>John P. [Signature]</i>					Date Considered: 2-13-2004				
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
Rowe, "Laser Beam Scanning," SPIE, Vol. 2088, Oct. 5, 1993, 18-26							
ES	L. Hornbeck, "Deformable-Mirror Spatial Light Modulators," Spatial Light Modulators and Applications III, Aug. 8, CA 1989, pp. 86-102						
ET	Russick et al., "Supercritical Carbon Dioxide Extraction of Solvent from Micromachined Structures," Supercritical Fluids, Chapter 18, American Chemical Society, pp 255-269, 1997.						
EU	Buhler et al., "Linear Array of Complementary Metal Oxide Semiconductor Double-Pass Metal Micromirrors," Optical Engineering, Vol. 36, No. 5, pp 1391-1398, May 1997.						
EV	Gani et al., "Variable Gratings for Optical Switching: Rigorous Electromagnetic Simulation and Design," Optical Engineering, Vol. 38, No. 3, pp 552-557, March 1999.						
EW	R. Tepe, et al. "Viscoelastic Spatial Light Modulator with Active Matrix Addressing," Applied Optics, Vol. 28, No. 22, New York, USA, pp.4826-4834, Nov. 15, 1989.						
EX	W. Brinker, et al., "Deformation Behavior of Thin Viscoelastic Layers Used in an Active-Matrix-Addressed Spatial Light Modulator," SPIE Vol. 1018, pp. 79-85, Germany, 1988.						
EY	T. Utsunomiya and H. Sato, "Electrically Deformable Echellette Grating and its Application to Tunable Laser Resonator," Electronics and Communications in Japan, Vol. 63-c, No. 10, pp. 94-100, Japan, 1980.						
FA	R.N. Thomas, et al., "The Mirror-Matrix Tube: A Novel Light Valve for Projection Displays", IEEE Transactions on Electron Devices, Vol. ED-22, No. 9, pp. 765-775, September 1975.						
FB	J. Guldberg, et al., "An Aluminum/SiO <sub>2</sub> /Silicon-on-Sapphire Light Valve Matrix for Projection Displays," Applied Physics Letters, Vol. 26, No. 7, pp. 391-393, April 1975.						
FC	"Kitchen Computer", IBM Technical Disclosure Bulletin, vol. 37, no. 12, pp. 223-225, December 1994.						
FD	"Image Orientation Sensing and Correction for Notepads", Research Disclosure, no. 34788, p. 217, March 1993.						
FE	Beck Mason et al., "Directly Modulated Sampled Grating DBR Lasers for Long-Haul WDM Communication Systems" IEEE Photonics Technology Letters, Vol. 9, No. 3, March 1997 pp. 377 of 379.						
FF	N. J. Frigo et al., "A Wavelength-Division Multiplexed Passive Optical Network with Cost-Shared Components", IEEE Photonics Technology Letters, Vol. 6, No. 11, November 1994, pp. 1365 of 1367.						
FG	M. S. Goodman et al., "The LAMBDANET Multiwavelength Network: Architecture, Applications, and Demonstrations", IEEE Journal on Selected Areas in Communications, Vol. 8, No. 6, August 1990, pp. 995 of 1004.						
FH	C. A. Turkatte, "Examining the Benefits of Tunable Lasers for Provisioning Bandwidth on Demand", EuroForum - Optical Components, February 2001, pp. 1 of 10.						
FI	R. Plastow, "Tunable Lasers and Future Optical Networks", Forum -Tunable Laser, August 2000, pp. 58 of 62.						
FJ	Elizabeth Bruce, "Tunable Lasers", Communications, IEEE Spectrum, February 2002, pp. 35 of 39.						
FK	M. G. Littman et al., "Spectrally Narrow Pulsed Dye Laser without Beam Expander", Applied Optics, Vol. 17, No. 14, July 15, 1978, pp. 2224 of 2227.						
FQ	S.T. Pai, et al., "Electromigration in Metals", Received June 4, 1976, pg. 103-115.						
FR	Olga B. Spahn, et al., "High Optical Power Handling of Pop-Up Microelectromechanical Mirrors", Sandia National Laboratories, IEEE 2000, pg. 51-52.						
FS	David M. Burns, et al. "Optical Power Induced Damage to Microelectromechanical Mirrors", Sensors and Actuators A 70, 1998, pg. 6-14.						
FT	V.S. Aliev et al., "Development of Si(100) surface roughness at the initial stage of etching in F <sub>2</sub> and XeF <sub>2</sub> gases: ellipsometric study," Surface Science 442 (1999), pgs. 206-214.						
FU	Xuan-Qi Wang et al., "Gas-Phase Silicon Etching with Bromine Trifluoride," Depart. of Electrical Engineering, 136-93 California Institute of Technology, 1997 IEEE, pgs. 1505-1508.						
Examiner: <i>John Baker</i>				Date Considered: 2-13-2004			
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				Filing Date: August 15, 2001		Group Art Unit: 2872	
(37 CFR § 1.98(b))							
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				Filing Date: August 15, 2001		Group Art Unit: 2872	
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
		Harold Winters, "Etch products from the reaction of XeF <sub>2</sub> with SiO <sub>2</sub> , Si <sub>3</sub> N <sub>4</sub> , SiC, and Si in the presence of Ion Bombardment," IBM Research Laboratory, 1983 American Vacuum Society, pgs. 927-931.					
78	FW	F.A. Houle, "Dynamics of SiF <sub>4</sub> desorption during etching of silicon by XeF <sub>2</sub> ," J. Chem. Phys. 87 (3), 1 August 1987, pgs. 1866-1872.					
80	FX	Mehran Mehregany, "Microelectromechanical Systems," 1993 IEEE, pgs. 14-22.					
	FY	D. Moser et al., "A CMOS Compatible Thermally Excited Silicon Oxide Beam Resonator with Aluminium Mirror," Physical Electronics Laboratory, 1991 IEEE, pgs. 547-550.					
	FZ	M. Parameswaran et al., "Commercial CMOS Fabricated Integrated Dynamic Thermal Scene Simulator," 1991 IEEE, pgs. 29.4.1-29.4.4.					
	GA	M. Parameswaran et al., "CMOS Electrothermal Microactuators," Depart. of Electrical Engineering, 1990 IEEE, pgs. 128-131.					
	GB	U. Streller et al., "Selectivity in dry etching of Si(100) with XeF <sub>2</sub> and VUV light," Applied Surface Science 106, (1996), pgs. 341-346.					
	GC	M.J.M. Vugts et al., "Si/XeF <sub>2</sub> etching: Temperature dependence," 1996 American Vacuum Society, pgs. 2766-2774.					
	GD	P. Krummenacher et al., "Smart Temperature Sensor in CMOS Technology," Sensors and Actuators, A-21-A-23 (1990), pgs. 636-638.					
	GE	Henry Baltes, "CMOS as sensor technology," Sensors and Actuators A. 37-38, (1993), pgs. 51-56.					
	GF	Thomas Boltshauser et al., "Piezoresistive Membrane Hygrometers Based on IC Technology," Sensor and Materials, 5, 3, (1993), pgs. 125-134.					
	GG	<del>Z. Parpia et al., "Modelling of CMOS Compatible High Voltage Device Structures," pgs. 41-50.</del>					
	GH	Jon Gildemeister, "Xenon Difluoride Etching System," 1997, UC Berkeley MicroFabrication Manual Chapter 7.15, pg. 2-5.					
	GI	W. Riethmuller et al., "A smart accelerometer with on-chip electronics fabricated by a commercial CMOS process," Sensors and Actuators A. 31, (1992), 121-124.					
	GJ	<del>W. Gopel et al., "Sensors - A Comprehensive Survey," Vol. 7, Weinheim New York, 44 pgs.</del>					
	GK	D. E. Ibbotson et al., "Comparison of XeF <sub>2</sub> and F-atom reactions with Si and SiO <sub>2</sub> ," 1984 American Institute of Physics, pgs. 1129-1131.					
	GL	D. E. Ibbotson et al., "Plasmaless dry etching of silicon with fluorine-containing compounds," 1984 American Institute of Physics, pgs. 2939-2942.					
	GM	M.H. Hecht et al., "A novel x-ray photoelectron spectroscopy study of the Al/SiO <sub>2</sub> interfaces," 1985 American Institute of Physics, pgs. 5256-52616.					
	GN	Daniel L. Flamm et al., "XeF <sub>2</sub> and F-Atom Reactions with Si: Their Significance for Plasma Etching," Solid State Technology, V. 26, #4, 4/83, pgs. 117-121.					
	GO	H.F. Winters et al., "The etching of silicon with XeF <sub>2</sub> vapor," Appl. Phys. Lett. Vol. 34, No. 1, January 1979, pgs. 70-73.					
	GP	Wayne Bailey et al., "Microelectronic Structures and Microelectromechanical Devices for Optical Processing and Multimedia Applications," SPIE - The International Society for Optical Engineering, Vol. 2641, October 1995, 13 pgs. <b>pp. 117-128.</b>					
	GQ	J. Marshall et al., "Realizing Suspended Structures on Chips Fabricated by CMOS Foundry Processes Through the MOSIS Service," National Inst. of Standards and Technology, Jun 94, 63 pgs.					
	GR	David Moser et al., "CMOS Flow Sensors," 1993 Physical Electronics Lab, Swiss Federal Institute of Tech, Zurich, Switzerland, 195 pgs.					
	GS	E. Hecht, "Optics", Addison-Wesley, 2 <sup>nd</sup> edition, 1987, Adelphi University, pp. 163-169.					
	GT	E. Hecht, "Optics", Addison-Wesley, 2 <sup>nd</sup> edition, 1987, Adelphi University, pp. 358-360.					
	GU	T. Glaser et al., "Beam switching with binary single-order diffractive grating", XP-000802142, Optics Letters, December 15, 1998, Vol. 23, No. 24, pp. 1933 of 1935.					
	GV	P. C. Kundu et al., "Reduction of Speckle Noise by Varying the Polarisation of Illuminating Beam", XP-002183475, Dept. of Applied Physics, Calcutta University, 1975, pp. 63-67.					
✓	GW	J. W. Goodman, "Some Fundamental Properties of Speckle", XP-002181682, Dept. of Electrical Engineering, Stanford University, 1976, pp. 1146-1150.					
88	GX	Lingli Wang et al., "Speckle Reduction in Laser Projection Systems by Diffractive Optical Elements", XP-000754330, Applied Optics, April 1, 1998, Vol. 37, No. 10, pp. 1770-1775.					
Examiner:		<i>John P. [Signature]</i>		Date Considered:		2-13-2004	
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(37 CFR § 1.98(b)) JUL 17 2003				Group Art Unit: 2872	
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
88		R.W. Corrigan et al., "Calibration of a Scanned Linear Grating Light-Valve, Projection System for E-Cinema Applications", Silicon Light Machines, SID'99, San Jose, CA, 27 pgs, 1999.			
88	GZ	R.W. Corrigan et al., "Calibration of a Scanned Linear Grating Light-Valve, Projection System", Silicon Light Machines, San Jose, CA, 4 pgs, May 18, 1999.			
	HA	"Introduction to Cryptography", <a href="http://www.ssh.fi/tech/crpto/into.html">http://www.ssh.fi/tech/crpto/into.html</a> , 35 pgs, June 21, 1999.			
	HB	"Deep Sky Black," Equinox Interscience, <a href="http://www.eisci.com/deepsky.html">www.eisci.com/deepsky.html</a> , 1997.			
	HC	"Absorptive Neutral Density Filters," Newport Corp., Irvine, CA, <a href="http://www.newport.com">www.newport.com</a> , 5/7/99.			
	HD	"High Energy Variable Attenuators," Newport Corp., Irvine, CA, <a href="http://www.newport.com">www.newport.com</a> , 5/7/99.			
	HE	"Neutral-Density Filters," New Focus, Inc., Santa Clara, CA, <a href="http://www.newfocus.com">www.newfocus.com</a> , 5/7/99.			
	HF	J. Hawkes et al., "Laser Theory and Practice," Prentice Hall, New York, 1995, pp. 407-408.			
	HG	C. Tew et al., "Electronic Control of a Digital Micromirror Device for Projection Displays", Proceedings of the 1994 IEEE International Solid-State Circuits Conference, 1994.			
	HH	Henck, S.A., "Lubrication of Digital Micromirror Devices™", Tribology Letters, No. 3, pp. 239-247, 1997.			
	HI	K. W. Goossen et al., "Silicon Modulator Based on Mechanically-Active Anti-Reflection Layer with 1 Mbit/sec Capability for Fiber-in-the-Loop Applications", IEEE Photonics Technology Letters, Vol. 6, No. 9, September 1994, pp. 1119-1121.			
	HI	J. A. Walker et al., "Demonstration of a Gain-Flattened Optical Amplifier with Micromechanical Equalizer Element", Luccat Technologies, pp. 13-14. <span style="float: right;">no date</span>			
	HK	A. P. Payne et al., "Resonance Measurements of Stresses in Al/Si <sub>3</sub> N <sub>4</sub> Micro-Ribbons", Silicon Light Machines, September 22, 1999, 11 pgs.			
	HL	M. W. Milles, "A New Reflective FPD Technology Using Interferometric Modulation", 4 pgs.			
	HM	N. A. Riza et al., "Digitally Controlled Fault-Tolerant Multiwavelength Programmable Fiber-Optic Attenuator Using a Two-Dimensional Digital Micromirror Device", OPTICS LETTERS, March 1, 1999, Vol. 24, No. 5, pp. 282-284.			
V	HN	N. A. Riza et al., "Synchronous Amplitude and Time Control for an Optimum Dynamic Range Variable Photonic Delay Line", APPLIED OPTICS, April 10, 1999, Vol. 38, No. 11, pp. 2309-2318.			
88	HO	P. Alvelda et al., "44.4: Ferroelectric Microdisplays Using Distortion-Compensated Pixel Layouts", SID 95 DIGEST, XP 2020715, pp. 931-933.			
	HP				
	HQ				
	HR				
	HS				
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	HW				
	HX				
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	HZ				
	IA				
	IB				
Examiner:		<i>John P. [Signature]</i>		Date Considered: 2-13-2004	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	BLAZED GRATING LIGHT VALVE						
Application Number: 09/930838							
Confirmation Number: 1401							
First Named Applicant: David Amm							
Attorney Docket Number:							
Search string: ( 5229597 or 5315429 or 6154305 or 6438954 ).pn.							
<p><u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:</p> <p>That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.</p>							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
28	1	5229597	1993-07-20	Fukatsu			
28	2	5315429	1994-05-24	Abramov			
28	3	6154305	2000-11-28	Dickensheets et al.			
28	4	6438954	2002-08-27	Goetz et al.	B1		
Signature							
Examiner Name					Date		
Gahmberg					2-13-2004		